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PREVALENCE OF DISEASE.

No health department, State or local, can effectively prevent or control disease without knowledge of when, where, and under what conditions cases are occurring.

IN CERTAIN STATES AND CITIES.

SMALLPOX.

State Reports for May, 1913.

			Vaccination history of cases.			
Places.	Number of new cases re- ported during month.	Deaths.	Number vacci- nated within 7 years pre- ceding attack.	Number last-vac- cinated more than 7 years pre- ceding attack.	Number never success- fully vacci- nated.	Vaccination history not obtained or uncertain.
Michigan:						
Alpena County-		ĺ	1			
Alpena	1		1			1
Bay County—						
Fraser Township	1		1		1	
Berrien County—						
Benton Township	1					1
Sodus Township	4				4	
Cass County—	_					
Volinia Township	1				1	
Calhoun County— Battle Creek	,	ĺ				i
	1					I.
Dickinson County—	,					1
Sagola Township Hillsdale County—	1					1.
	8			ł	7	1
Wright Ingham County—					'	1.
Alaiedon Township	1				1	
Aurelius Township	1				li	
Delhi Township	2			}	2	
Ionia County—	-				_	
Ionia	2			1	1	
Kalamazoo County—	. 2			1	1	
Kalamazoo Township	3			1	3	
Kalamazoo					2	
Kent County—	-		1		1	
Byron Township	1					1
Lenawee County—	_					-
Fairfield Township	1	1		1		1
Seneca Township	6			l	3	3
Adrian	1		1			
Livingston County—				1.		
Conway Township	. 1					1
Mason County— Riverton Township	_		1			1
Riverton Township	3				3	
Sherman Township	1					1
Victory TownshipScottville	5 4			1		•
	4			1	3	
Monroe County—	2		1	1	2	
Bedford Township Ida Township						
Monroe Township						
Carleton	i				i	
			1			

June 27, 1913

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SMALLPOX—Continued.

State Reports for May, 1913—Continued.

		Deaths.	Vaccination history of cases.			
Places.	Number of new cases re- ported during month.		Number vacci- nated within 7 years pre- ceding attack.	Number last vaccinated more than 7 years preceding attack.	Number never success- fully vacci- nated.	Vaccination history not obtained or uncertain.
Michigan—Continued. Oakland County—						
Southfield Township	6				6	
Oceana County—						
Hesperia	1				1	
St. Clair County— Clay Township	3				3	
Algonac	1				1	
Sanilac County—	,					
Sanilac County— Austin Township Schoolcraft County—	1		· · · · · · · · · · · · · · · · · · ·		1	
Germiesk Township	1				1	
Tuscola County—						
Dayton Township Van Buren County—	1				1	
Waverly Township	2				2	
Bloomingdale	ī					
Washtenaw County—						
Ann Arbor	3				3	
Dearborn	1					
Ecorse	6				6	
Hamtramek	2				2	
Detroit	10				10	
Detroit	1				10	
Detroit. Wyandotte. Total.			1	2		1
W yandotte Total finnesota:	1		1	2	1]
Wyandotte Total Iinnesota: Aitkin County—	102		1	2	1	1
W yandotte	1		1	2	1	1
Wyandotte	1 102 1 1 1		1	2	80]
Wyandotte. Total	1 102		1	2	80	1
Wyandotte. Total. Aitkin County— Aitkin Haugen Township Blue Earth County— Lyra Township. Brown County—	1 102 1 1 1		1	2	80	1
Wyandotte. Total	1 102 1 1 1 1 2			2	1 1 1	1
Wyandotte Total Iinnesota: Aitkin County— Aitkin Haugen Township Blue Earth County— Lyra Township Brown County— Burnstown Township Carver County— Hollwood Township Hollwood Township	1 102 1 1 1		1	2	1 1 1	1
Wyandotte Total Iinnesota: Aitkin County— Aitkin Haugen Township Blue Earth County— Lyra Township Brown County— Burnstown Township Carver County— Hollwood Township Hollwood Township	1 102 1 1 1 1 2 1 1			2	1 1 2	
Wyandotte. Total. Iinnesota: Aitkin County— Aitkin. Haugen Township. Blue Earth County— Lyra Township. Brown County— Burnstown Township. Carver Caunty—	1 102 1 1 1 1 2			2	1 80 1 1 2	
Wyandotte Total Imnesota: Aitkin County— Aitkin Haugen Township Blue Earth County— Lyra Township Brown County— Burnstown Township Carver County— Hollywood Township Cotton wood County— Amboy Township Crow Wing County— Brainerd	1 102 1 1 1 1 2 1 1			2	1 1 2	1
Wyandotte Total finnesota: Aitkin County— Aitkin Haugen Township Blue Earth County— Lyra Township Brown County— Burnstown Township Carver County— Hollywood Township Cottonwood County— Amboy Township Crow Wing County— Brainerd Dakota County—	1 102 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1			2	1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1
Wyandotte Total Iinnesota: Aitkin County— Aitkin Haugen Township Blue Earth County— Lyra Township Brown County— Burnstown Township Carver County— Hollywood Township Cottonwood County— Amboy Township Crow Wing County— Brainerd Dakota County— Egan Township	1 102 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			2	1 80 1 1 2	1
Wyandotte Total Iinnesota: Aitkin County— Aitkin Haugen Township Blue Earth County— Lyra Township Brown County— Burnstown Township Carver County— Hollywood Township Cottonwood County— Amboy Township Crow Wing County— Brainerd Dakota County— Egan Township Ravenna Township South St. Paul	1 102 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1			2	1 80 1 1 1 2 1 1 1 1 1 1 1 1 1 1	
Wyandotte Total Iinnesota: Aitkin County— Aitkin Haugen Township Blue Earth County— Lyra Township Brown County— Burnstown Township Carver County— Hollywood Township Cottonwood County— Amboy Township Crow Wing County— Brainerd Dakota County— Egan Township Ravenna Township South St. Paul Dodge County—	1 102 1 1 1 1 2 1 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1		1		1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Wyandotte Total finnesota: Aitkin County— Aitkin Haugen Township Blue Earth County— Lyra Township Brown County— Burnstown Township Carver County— Hollywood Township Cotton wood County— Amboy Township Crow Wing County— Brainerd Dakota County— Egan Township Ravenna Township South St. Paul Dodge County— Dodge County—	1 102 1 1 1 1 1 1 1 1 2 2 2 2 2			2	1 1 2	
Wyandotte Total finnesota: Aitkin County— Aitkin. Haugen Township. Blue Earth County— Lyra Township Brown County— Burnstown Township. Carver County— Hollywood Township. Cotton wood County— Amboy Township Crow Wing County— Brainerd Dakota County— Egan Township Ravenna Township South St. Paul. Dodge County— Dodge Center Kasson. Faribault County—	1 102 1 1 1 1 1 1 1 1 2 2 1 1 1 1 2 2 1 1		1		1 1 1 2 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1	
Wyandotte Total Iinnesota: Aitkin County— Aitkin Haugen Township Blue Earth County— Lyra Township Brown County— Burnstown Township Carver County— Hollywood Township Cottonwood County— Amboy Township Crow Wing County— Brainerd Dakota County— Egan Township Ravenna Township South St. Paul Dodge County— Dodge Center Kasson Faribault County— Blue Earth	1 102 1 1 1 1 1 1 2 2 1 1 1 1 1 1 2 2 1		1	1	1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Wyandotte Total Iinnesota: Aitkin County— Aitkin Haugen Township Blue Earth County— Lyra Township Brown County— Burnstown Township Carver County— Hollywood Township Cottonwood County— Amboy Township Crow Wing County— Brainerd Dakota County— Egan Township Ravenna Township South St. Paul Dodge County— Dodge Center Kasson Faribault County— Blue Earth	1 102 1 1 1 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1		1	1	1 1 2 1 1 1 2 2 1 1 1 1 1 1 1 1	
Wyandotte Total Iinnesota: Aitkin County— Aitkin Haugen Township Blue Earth County— Lyra Township Brown County— Burnstown Township Carver County— Hollywood Township Cotton wood County— Amboy Township Crow Wing County— Brainerd Dakota County— Egan Township Ravenna Township Ravenna Township South St. Paul Dodge County— Lodge County— Kasson Faribault County— Blue Earth Elmore Elmore Emore Township.	1 102 1 1 1 1 1 1 2 2 1 1 1 1 1 1 2 2 1		1	1	1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Wyandotte Total finnesota: Aitkin County— Aitkin Haugen Township Blue Earth County— Lyra Township Brown County— Burnstown Township Carver County— Hollywood Township Cottonwood County— Amboy Township Crow Wing County— Brainerd Dakota County— Egan Township Ravenna Township Ravenna Township South St. Paul Dodge County— Kasson Faribault County— Blue Earth Elmore Elmore Township Fillmore County— Freston	1 102 1 1 1 1 2 1 1 1 2 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 1 2 2 2 1		1	1	1 1 2 1 1 1 2 2 1 1 1 1 1 1 1 1	
Wyandotte Total finnesota: Aitkin County— Aitkin Haugen Township Blue Earth County— Lyra Township Brown County— Burnstown Township Carver County— Hollywood Township Cottonwood County— Amboy Township Crow Wing County— Brainerd Dakota County— Egan Township Ravenna Township South St. Paul Dodge County— Dodge Center Kasson Faribault County— Blue Earth Elmore Elmore Township Fillmore County— Preston Spring Valley	1 1 2 2 1 1 1 2 2 2 1 1 1 1 2 2 2 1 1 1 1 1 2 2 2 1 1 1 1 1 2 2 2 1 1 1 1 1 1 2 2 2 2 1		1	1	1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Wyandotte Total Imnesota: Aitkin County— Aitkin. Haugen Township Blue Earth County— Lyra Township Brown County— Burnstown Township Carver County— Hollywood Township Cottonwood County— Amboy Township Crow Wing County— Brainerd Dakota County— Egan Township Ravenna Township South St. Paul Dodge County— Dodge Center Kasson. Faribault County— Blue Earth Elmore Elmore Township Fillmore County— Freston. Spring Valley Summer Township	1 102 1 1 1 1 2 1 1 1 2 2 1 1 1 2 2 2 1 1 1 2 2 2 1 1 1 1 2 2 2 1		1	1	1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Wyandotte Total Imnesota: Aitkin County— Aitkin Haugen Township Blue Earth County— Lyra Township Brown County— Burnstown Township Carver County— Hollywood Township Cottonwood County— Amboy Township Crow Wing County— Brainerd Dakota County— Egan Township Ravenna Township South St. Paul Dodge County— Dodge Center Kasson Faribault County— Blue Earth Elmore Elmore Township Fillmore County— Preston Spring Valley Summer Township Freeborn County—	1 1 2 2 1 1 1 2 2 2 1 1 1 1 2 2 2 1 1 1 1 1 2 2 2 1 1 1 1 1 2 2 2 1 1 1 1 1 1 2 2 2 2 1		1	1	1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Wyandotte Total Imnesota: Aitkin County— Aitkin. Haugen Township. Blue Earth County— Lyra Township Brown County— Burnstown Township. Carver County— Hollywood Township. Cottonwood County— Amboy Township. Crow Wing County— Brainerd. Dakota County— Egan Township. Ravenna Township. South St. Paul. Dodge County— Dodge Center. Kasson. Faribault County— Blue Earth. Elmore Elmore Township. Fillmore County— Preston. Spring Valley Summer Township. Freeborn County—	1 1 2 1 1 1 1 2 2 1 1 1 2 2 2 1 1 1 4 4 2 2		1	1	1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Wyandotte Total Imnesota: Aitkin County— Aitkin. Haugen Township. Blue Earth County— Lyra Township Brown County— Burnstown Township. Carver County— Hollywood Township. Cottonwood County— Amboy Township. Crow Wing County— Brainerd. Dakota County— Egan Township. Ravenna Township. South St. Paul. Dodge County— Dodge Center. Kasson. Faribault County— Blue Earth. Elmore Elmore Township. Fillmore County— Preston. Spring Valley Summer Township. Freeborn County—	1 102 1 1 1 1 1 1 1 2 2 1 1 1 2 2 2 1 1 1 4 4		1	1	1 1 2 2 1 1 1 1 1 1 1 4 2 2 2 2 2 2 2 2	
Wyandotte Total Imnesota: Aitkin County— Aitkin. Haugen Township. Blue Earth County— Lyra Township Brown County— Burnstown Township. Carver County— Hollywood Township. Cottonwood County— Amboy Township. Crow Wing County— Brainerd. Dakota County— Egan Township. Ravenna Township. South St. Paul. Dodge County— Dodge Center. Kasson. Faribault County— Blue Earth. Elmore Elmore Township. Fillmore County— Preston. Spring Valley Summer Township. Freeborn County— Manchester Township. Freeborn County— Manchester Township. Freeborn County— Manchester Township. Hennepin County— Minneapolis. Kandjobil County— Minneapolis. Kandjobil County— Minneapolis. Kandjobil County— Minneapolis. Kandjobil County—	1 1 2 1 1 1 1 2 2 1 1 1 2 2 2 1 1 1 4 4 2 2		1	1	1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Wyandotte Total Innesota: Aitkin County— Aitkin Haugen Township Blue Earth County— Lyra Township Brown County— Burnstown Township Carver County— Hollywood Township Cottonwood County— Amboy Township. Crow Wing County— Brainerd Dakota County— Egan Township Ravenna Township South St. Paul Dodge Center Kasson Faribault County— Blue Earth Elmore Elmore Township Fillmore County— Preston Spring Valley Sumner Township Freeborn County— Preston Manchester Township Freeborn County— Mamer Township Hennepin County— Mameapolis Kandiyohi County— Mamer Township Hennepin County— Mamer Township Hennepin County— Minneapolis Kandiyohi County— Mamer Township Lake County—	1 102 1 1 1 2 2 1 1 1 2 2 2 1 1 1 4 2 2 5 6 6 1 1		1	1	1 1 2 2 1 1 1 1 1 1 1 2 2 5 6 6 1 1	
Wyandotte Total finnesota: Aitkin County— Aitkin Haugen Township Blue Earth County— Lyra Township Brown County— Burnstown Township Carver County— Hollywood Township Cottonwood County— Amboy Township Crow Wing County— Brainerd Dakota County— Egan Township Ravenna Township South St. Paul Dodge County— Dodge Center Kasson Faribault County— Blue Earth Elmore Elmore Elmore Elmore Township Fillmore County— Preston Spring Valley Sumner Township Freeborn County— Manchester Township Hennepin County— Manchester Township Hennepin County— Minneapolis Kandiyohi County— Mander Township Kandiyohi County— Mander Township Kandiyohi County— Mander Township Kandiyohi County— Mander Township	1 102 1 1 1 2 1 1 1 2 2 1 1 1 2 2 2 1 1 1 4 2 2 5 56		1	1	1 1 2 2 1 1 1 1 1 2 2 5 6 6	

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SMALLPOX—Continued.

State Reports for May, 1913—Continued.

			Vac	ecination h	istory of ca	ises.
Places.	Number of new cases re- ported during month.	Deaths.	Number vacci- nated within 7 years pre- ceding attack.	Number last vac- cinated more than 7 years pre- ceding attack.	Number never success- fully vacci- nated.	Vacci- nation history not ob- tained or un- certain.
Minnesota—Continued.						
Lyon County—	_				_	
Minneota	2			1	1	
Monroe Township	1				1	
McLeod County—	3				3	
Acoma Township Hutchinson	3				1	
Lynn Township	$\frac{1}{2}$				$\frac{1}{2}$	
Round Grove Township	2			1	1	
Mower County-	1 2			1	1	
Adams Township	2				2	
Marshall Township	4				4	
Rose Creek	ĺ				ĺ	
Murray County—					-	
Scandia Township Nicollet County—	1				1	
Lake Prairie Township	1				1	
North Mankato	1			1		
St. Peter	1				1	
Nobles County— Worthington	1				1	
Olmsted County— Rochester	2				2	
Polk County— Lessor Township	1				1	
Ramsey County— St. Paul	35			. 2	11	22
Red Lake County— Poplar River Township	2			1	1	
Redwood County— North Hero Township	1				1	
Renville County—	7		3		4	
Olivia Rice County—	'		9		4	
Cannon City Township Faribault.	2 9			1	1 8	i
St. Louis County—						
Duluth	20			5	15	
Elv	1			1		
Sibley County—			1	Ì	_	
Gibbon Township	1				1	
Grafton Township	1				1	
Steele County—			1		14	
Havana Township	14				14	
Owatonna	1				1	
Waseca County— Blooming Grove Township Washington County—	1				1	
Stillwater	4				4	
Wilkin County—	1				_	
Foxhome	1					1
Total	213		5	17	166	25
10141	210			1	2.50	

California-Los Angeles.

Senior Surg. Brooke, of the Public Health Service, reported, by telegraph, that during the week ended June 21, 1913, 1 case of small-pox had been notified in Los Angeles, Cal., making a total of 47 cases reported since January 1, 1913.

SMALLPOX—Continued.

California-San Francisco.

Surg. Long, of the Public Health Service, reported, by telegraph, that during the week ended June 21, 1913, 1 case of smallpox had been notified in San Francisco, Cal.

Indiana-Evansville.

Surg. Clark, of the Public Health Service, reported by telegraph that during the week ended June 21, 1913, 12 cases of smallpox had been notified in Evansville, Ind., making a total of 830 cases reported since October 1, 1912.

Maryland-Collington.

The State department of health of Maryland reported, by telegraph, June 20, 1913, that 1 new case of smallpox had been notified at Collington, Prince Georges County, Md.

Massachusetts-Lowell, Huntington, and Blandford.

The State Board of Health of Massachusetts reported by telegraph June 25, 1913, the presence of outbreaks of smallpox in Lowell, Huntington, and Blandford, Mass.

Miscellaneous State Reports.

Places.	Cases.	Deaths.	Places.	Cases.	Deaths.
Kansas (May 1-31):			Indiana (May 1-31)—Contd.		
Counties— Allen	40		Counties—Continued.	2	
Bourbon			Dekalb Floyd	10	
Cloud	1 8		Gibson	15	
Crawford	20		Grant	4	
Dickinson	10		Hendricks	*	
Douglass	10		Henry	1	
Elk	i		Jackson	i	
Ford	1		Knox	16	
Franklin	3		Lake	16	
Labette	3		Lawrence	10	
Leavenworth	1		Madison	51	
Marshall	i		Marion	i	
McPherson	21		Martin	5	
Montgomery	3		Miami	i	
Neosho	7		Owen	10	
Norton	í		Perry	3	
Ottawa	2		Pike	9	
Reno	3		Porter	ĭ	
Rice	5		Posey	î	
Sedgwick.	24		Putnam	5	
Sumner	20		Shelby	2	
Wilson	15		Spencer	4	
Wyandotte	. 8	,	Steuben	î	
j dilatotte:			St. Joseph	ī	
Total	199	1	Vanderburg	104	
			Vigo	37	
Indiana (May 1-31):		1	Wabash	6	
Counties—			Warren	1	
Brown	3	1	Warrick	8	
Carrol	2		Washington	1	
Clark	21		White	2	
Clay	3	1	lj l		ļ
Dearborn	8		Total	361	
Decatur	3	1	II .		

SMALLPOX—Continued.

Miscellaneous State Reports—Continued.

Places.	Cases.	Deaths.	Places.	Cases.	Deaths.
Iowa (May 1-31):			Montana (May 1-31)—Contd.		
Counties—	_	}	Counties-Continued.	_	
Adair	5		Lincoln	2	
Blackhawk	. 2		Madison	1	
Boone	24		Musselshell	2	
Buchanan	1	• • • • • • • • • • • • • • • • • • • •	Rosebud	. 2	
Buena Vista	3		Silverbow	4	
Calhoun	1 9		Sweetgrass	5	
Cass			Teton	1	
Cerro Gordo	1		Yellowstone	2	
Clinton	16 2		M-4-1	20	
Crawford	9		Total	32	
Dallas	1		Month Debate (Month 91)		
Davis	1		North Dakota (May 1-31):		
Flavet	1		Counties—	2	
Floyd	5		Benson	2	
Fremont	8		Burleigh	2	
Grundy	1		Emmons	1	
Guthrie			Golden Valley	$\frac{1}{2}$	
Hamilton	2 1		Grand Forks		
Hardin			McHenry	1	
Ida	1		m. +-1	10	
Jefferson	1		Total	10	
Johnson	2		W		
Kossuth	1		Vermont (May 1-31):		
Lee	1		County—	01	
Linn	8		Chittenden	21	
Marshall	8		VII. 1-1- (No1 01)		
Mitchell	3		Virginia (May 1-31):		
Muscatine	2		Counties—	,	
Osceola	8		Botetourt	1	
Plymouth	6		Brunswick	1 4	
Polk	31		Carroll	6	
Pottawattamie	12		Charles City		
Sac	1		Chesterfield	3	· · · · · · · · · ·
Scott	7 3		Floyd	3	
Shelby			Henrico	$\frac{1}{2}$	
Story	1		Henry	7	
Tama	9		Isle of Wight	3	
Webster	31		Middlesex	5	
m 4-1	000		Montgomery	3	
Total	229		New Kent	1	
Martine (Mar. 1 91)			Prince William		
Montana (May 1-31):			Roanoke	6	
Counties—			Russell	9 7	• • • • • • • • •
Beaverhead	$\frac{1}{2}$		Sussex	3	
Blaine			Tazewell		
Cascade	4		Warwick	1	
Custer	1		Wythe	12	• • • • • • • • • •
Dawson	1		York	5	
Fergus	2		Matel		
Hill	1		Total	83	
Lewis and Clark	1		1		

City Reports for Week Ended June 7, 1913.

Places.	Cases.	Deaths.	Places.	Cases.	Deaths.
Alameda, Cal Altoona, Pa Ann Arbor, Mich Cambridge, Ohio Chicago, Ill Cincinnati, Ohio Cleveland, Ohio Columbus, Ohio Danville, Ill Dayton, Ohio Evansville, Ind Houston, Tex Johnstown, Pa Knoxville, Pa Los Angeles, Cal. Manchester, N. H. Milwankee, Wis.	2 4 1 1 1 8 5 1 9		Muncie, Ind. New Orleans, La. New York, N. Y. Niagara Falls, N. Y Philadelphia, Pa. San Diego, Cal. Seattle, Wash. South Bethlehem, Pa. Spokane, Wash. Springfield, Ohio. Steelton, Pa. Toledo, Ohio. Trenton, N. J. Washington, D. C. Wheeling, W. Va.	9 1 1 7 2 1 2 1 5	

TYPHOID FEVER.

State Reports for May, 1913.

Places.	Number of new cases re- ported during month.	Places.	Number of new cases re- ported during month.
Indiana:		Michigan—Continued. Grand Traverse County—	
Bartholomew County	1	Grand Traverse County—	1
Cass County	1 7	Paradise Township Gratiot County—	1
Daviess County Dearborn County	i	Ithaca Houghton County— Hancock	1
Dearborn County	1	Houghton County—	
Decatur County	1 1	Huron County—	1
Delaware County	1	Huron Township	1
Dekalb County Delaware County Fayette County Floyd County	13	Ingham County—	
Floyd County	$\begin{bmatrix} 4 \\ 2 \end{bmatrix}$	Delhi Township	1
Gibson County	$\frac{2}{2}$	Meridian Township Mason	i
Huntington County	ī ¦	Jackson County—	-
Jasper County	1	Jackson	1
Kościusko County	1 10	Kalamazoo County— Kalamazoo	1
Laporte County	1	Kent County—	
Lawrence County	3 2	Gratton Township	1
Madison County	$\frac{2}{1}$	Kent County— Gratton Township. Oakfield Township. Grand Rapids.	$\frac{2}{1}$
Lake County Layrence County Madison County Ohio County Parke County Parke County	6	Lapeer County—	1
Perry County	1	Rich Township	1
Ripley County	3	Almont	1
St. Joseph County	1	Livingston County— Howell	1
St. Joseph County Tippecanee County Vanderburg County Wabash County Warrick County	$egin{array}{c} 1 \ 3 \ 2 \end{array}$	Marquette County—	-
Wabash County	1	Negaunee	1
Warrick County	$\frac{2}{3}$	Mason County—	1
Washington County Wayne County	3	Ludington	
White County	ĭ	Midland County— Ingersoll TownshipLincoln Township	1
		Lincoln Township	1
Total	81	Monroe County— Lasalle Township	1
Kansas:		Oakland County—	
Atchison County-		Rochester	1
Atchison	3	Ontonagon County— Ontonagon	1
Elk County	2 2	Saginaw County—	
Atchison. Cowley County Elk County Ellis County Finney County	5 3	Saginaw	1
Finney County	3 1	St. Clair County— Cottrellville Township	1
Franklin County Geary County	1	St. Joseph County—	
Greeley County Leavenworth County—	1	Leonidas Township	1
Leavenworth County—		Colon	1
Leavenworth Lyon County	3 3	Bennington Township	1
Neosho County	ĭ	Tuscola County—	
Reno County—	1	Reese	. 1
Hutchinson	$\frac{1}{2}$	Wayne County— Detroit	.] 3
Sedgwick County—		Wyandotte	
Sedgwick County— Wichita	2	(U-tal	46
Smith County	1	Total	70
Kansas City	2	Minnesota:	
•		Clay County—	
Total	33	Barnesville Freeborn County—	. 1
Michigan:		Glenville	.]]
Alpena County—	1	Goodhue County— Goodhue Township	
Alpena Long Rapids Township	$\frac{2}{1}$	Goodhue Township Hennepin County—	1
Barry County—	1	Corcoran Township	
Johnstown Township	1	Itasea County-	1
Cass County—	1	Deer River Township Kittson County—	-
Edwardsburg Delta County—	1	Davis Township	
Maple Ridge Township	1	Martin County—	1
Genesee County—	3	Center Creek Township	
FlintGladwin County—	3	Mower County— Austin Lansing Township	
	1		

TYPHOID FEVER—Continued.

State Reports for May, 1913—Continued.

Places.	Number of new cases re- ported during month.	Places.	Number of new cases re- ported during month.
Minnesota—Continued. Pipestone County— Osborn Township. Polk County— Chester Township. Crookston. Ramsey County— St. Paul. St. Louis County— Duluth. Hibbing. Kitzville. Wabasha County— Minneiska. Total.	2 3 3 2	North Dakota: Dickey County. Golden Valley County. Grand Forks County. McHenry County. Total. Vermont: Addison County. Caledonia County. Essex County. Franklin County. Orleans County. Windsor County. Total.	1 1 4 7 7 = 1 2 2 2 3 1 1 3 3

CEREBROSPINAL MENINGITIS.

State Reports for May, 1913.

Places.	Number of new cases reported during month.	Places.	Number of new cases reported during month.
Indiana: Clark County Shelby County Porter County Laporte County Elkhart County Vanderburg County	1 1 1 1	Kansas—Continued. Crawford County. Greenwood County. Wyandotte County— Kansas City. Total.	1
Total Iowa: Davis County Linn County	1	Minnesota: Rice County— Northfield Winona County— Winona	1
Total	3	Total	2

Cases and Deaths Reported by Cities for Week Ended June 7, 1913.

Places.	Cases.	Deaths.	Places.	Cases.	Deaths.
Binghamton, N. Y Boston, Mass Cinchmati, Ohio Cleveland, Ohio Johnstown, Pa	$\frac{3}{2}$	1	Los Angeles, Cal. New York, N. Y Pittsburgh, Pa Springfield, Ill. Wheeling, W. Va	1	1 1 1

POLIOMYELITIS (INFANTILE PARALYSIS).

State Reports for May, 1913.

Places.	Number of new cases reported during month.	Places.	Number of new cases reported during month.
Indiana: Allen County Vanderburg County	1 1	Kansas: Greenwood County Michigan:	1
Total	2	Washtenaw County— Salem Township	1
Iowa: Linn County	1	Vermont: Lamoille County	1

Cases and Deaths Reported by Cities for Week Ended June 7, 1913.

Places.	Cases.	Deaths.	Places.	Cases.	Deaths.
Austin, Tex. Manchester, N. H. New York, N. Y.	1	1 1	Richmond, Va San Francisco, Cal	1	

BERIBERI.

Austin, Tex.

During the week ended June 7, 1913, 2 deaths from beriberi were reported by the health officer at Austin, Tex.

ERYSIPELAS. Cases and Deaths Reported by Cities for Week Ended June 7, 1913.

Places.	Cases.	Deaths.	Places.	Cases.	Deaths.
Bayonne, N. J. Binghamton, N. Y. Boston, Mass. Braddock, Pa. Bridgeport, Conn. Chicago, Ill. Cincinnati, Ohio. Cleveland, Ohio. Harrisburg, Pa. Hartford, Conn. Kalamazoo, Mich.	1 1 14 6 3 1	i	Newark, N. J. New York, N. Y. North Adams, Mass. Philadelphia, Pa. Pittsburgh, Pa. St. Louis, Mo. San Francisco, Cal. Seattle, Wash.	6 3 7 3 1	

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PELLAGRA.

Cases and Deaths Reported by Cities for Week Ended June 7, 1913.

Places.	Cases.	Deaths.	Places.	Cases.	Deaths.
Baltimore, Md. Lynchburg, Va. Montgomery, Ala.		1	Nashville, Tenn New Orleans, La	1	1 3

PLAGUE.

Human Case in San Benito County, Cal.

Surg. Currie reported the occurrence June 4 of a case of plague in the vicinity of San Juan Bautista, San Benito County, Cal. The case occurred in a Japanese woman employed as a strawberry picker. The case terminated fatally June 13.

Rats Collected and Examined.

Places.	Week ended—	Found dead.	Total col- lected.	Exam- ined.	Found infected.	
California: Cities— Berkeley Oakland San Francisco Washington:	do	8 19 13	196 556 1 2,094	125 416 1,407		
City— Seattle Do	May 31,1913 June 7,1913		806 884	765 885		

¹ Rats taken dead from steamships: Shinyo Maru, 42; rats trapped on steamships after fumigation: Shinyo Maru, 6.

California-Squirrels Collected and Examined.

During the week ended June 7, 1913, there were examined for plague infection 1,047 squirrels from Contra Costa County, 178 from San Joaquin County, 81 from Alameda County, and 17 from San Benito County.

Plague-Infected Squirrels Found.

From May 15 to June 5, 1913, there were found in Contra Costa County 20 plague-infected ground squirrels collected from 11 localities.

Campaign Against Infected Squirrels.

Hunting operations during 1912 and 1913 have been conducted in such manner that the operations for the two years are as nearly parallel as it is possible to make them; that is to say, that hunting operations are conducted over the same lands for practically the same periods of time and in the same general manner. When a plague squirrel is found on a given piece of land, the hunter is instructed at once to hunt intensively upon that land for the purpose of determining the percentage of infection, and also to hunt upon

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adjoining land for the purpose of determining whether plague has extended from that property to the adjoining property; also to determine the percentage of infection upon that property. From the time that hunting operations began in 1912 until June 7, 1912, squirrels were found as follows:

County.	Squirrels found.	Squirrels infected.	Percentage of infection.
Contra Costa	9, 477 1, 516	110 56	Per cent. 1.16 3.7

From the time that hunting operations began in 1913 until June 7, 1913 (this period being slightly longer in 1913 than in 1912), squirrels were shot as follows:

County.	Number of squir- rels.	Squirrels infected.	Percent- age of infection.
Contra Costa	6, 926 217	70	Per cent. 1.01

The total squirrels for the two counties in 1912 was 10,993; infected 166; percentage of infection 1.5 per cent.

The total squirrels for the two counties in 1913 is 7,143; number infected, 70; percentage of infection, 0.98 per cent.

The percentage of infection, therefore, for the year 1913 is 65 per cent of that of 1912, so that there has been an apparent reduction of infection, under conditions as nearly identical as possible, of 35 per cent.

This statement is submitted in view of the relatively large number of infected squirrels that are now being reported and that probably will be reported in the future, in order that a thorough understanding of the situation may be had.

PNEUMONIA.

Cases and Deaths Reported by Cities for Week Ended June 7, 1913.

Places.	Cases.	Deaths.	Places.	Cases.	Deaths.
Beaver Falls, Pa Binghamton, N. Y. Braddock, Pa. Chicago, Ill. Cleveland, Ohio Dunkirk, N. Y. Galesburg, Ill. Grand, Rapids, Mich. Kalamazoo, Mich. La Crosse, Wis. Lancaster, Pa.	3 2 64 25 2 1 1 2	87 9 1	Los Angeles, Cal. Manchester, N. H. New Castle, Pa. Oakland, Cal. Philadelphia, Pa. Pittsburgh, Pa. San Diego, Cal. San Francisco, Cal. Schepectady, N. Y. South Bethlehem, Pa. Trenton, N. J.	27 18 2 15 2 3	10 4 1 28 24 2 2

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RABIES.

San Francisco, Cal.—Rabies in Animals.

Surg. Long, of the Public Health Service, reported, by telegraph, that during the week ended June 21, 1913, 1 case of canine rabies had been notified in San Francisco, Cal.

TETANUS.

During the week ended June 7, 1913, tetanus was reported by cities as follows: Newark, N. J., 1 death; New York, N. Y., 1 death; Philadelphia, Pa., 1 case; St. Louis, Mo., 1 case.

SCARLET FEVER, MEASLES, DIPHTHERIA, AND TUBERCULOSIS.

State Reports for May, 1913.

Places.	Scarlet fever.	Measles.	Diphtheria.
Indiana. Iowa Kansas Michigan Minnesota North Dakota. Vermont	95 104 330	3,517 1,062 1,224 1,107 69 766	145 61 38 329 265 16 15

Evansville, Ind.—Scarlet Fever, Measles, and Diphtheria.

Surg. Clark, of the Public Health Service, reported by telegraph that during the week ended June 21, 1913, 7 cases of scarlet fever, 7 cases of measles, and 5 cases of diphtheria had been notified in Evansville, Ind., making totals of 447 cases of scarlet fever reported since October 1, 1912, 127 cases of measles reported since January 1, 1913, and 321 cases of diphtheria reported since August 1, 1912.

Los Angles, Cal.—Measles.

Senior Surg. Brooks, of the Public Health Service, reported, by telegraph, that during the week ended June 21, 1913, 210 cases of measles had been notified in Los Angeles, Cal., making a total of 6,018 cases reported since January 1, 1913.

Pittsburgh, Pa.-Measles.

Surg. Stoner, of the Public Health Service, reported, by telegraph, that during the two weeks ended June 21, 1913, 109 cases of measles, with 2 deaths, had been notified in Pittsburgh, Pa., making a total of 9,457 cases, with 161 deaths, reported since November 1, 1912.

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SCARLET FEVER, MEASLES, DIPHTHERIA, AND TUBERCULOSIS—Contd.

Cases and Deaths Reported by Cities for Week Ended June 7, 1913.

	Population United	Total deaths	Diph	theria.	Mea	asles.		erlet ver.		Tubercu- losis,	
Cities.	States census, 1910.	from all causes.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	
Over 500,000 inhabitants:	EEO 40E	200	15		ne	9	10		90	99	
Baitimore, Md	558, 485 670, 585	200 203	15 50	4	96 138	3 2	19 35		29 63	23 32	
Chicago, Ill	2, 185, 283	. 689	158	18	322	5	229	25	270	73	
Cleveland, Ohio New York, N. Y	560, 663 4, 766, 883	163 1,447	53 311	3 24	176 1,466	5 24	14 228	3 22	23 460	16 170	
Philadelphia, Pa	1,549,008	461	50	11	260	8	55	5	85	50	
Pittsburgh, Pa St. Louis, Mo	533, 905 687, 029	178 225	17 34	3	75 110	3	33 23	1	28 42	15 19	
From 300,000 to 500,000 inhabit-	001,020	220	0.	1	110		20	-		10	
ants: Cincinnati, Ohio	364, 463	135	9	1	6		6		26	27	
Los Angeles, Cal	319, 198	108	9	1	401		4		28	23	
Los Angeles, Cal. Milwaukee, Wis. Newark, J	373, 857 347, 469	123 112	19 31	3	45 100	1	17 10	1	28 52	18 9	
New Orleans, La.	339,075	151	14	3	54	1			30	24	
San Francisco, Cal	416, 912	126	4	2	6		7	2	16	11	
Washington, D. C From 200,000 to 300,000 inhabit-	331,069	117	26		36		6	1	30	10	
ants:	007 770		10				-00				
Jersey City, N. J Providence, R. I	267, 779 224, 326	62	12 12	2	55 16		20 19		18 6	9	
Seattle, Wash	237, 194	41	5		34		ĩ			3	
From 100,000 to 200,000 inhabitants:											
Bridgeport, Conn	102,054		3		1		8		1	2 5	
Cambridge, Mass Columbus, Ohio	104,839 181,548	24 63	$\frac{2}{1}$		41 11		2 3		8 5	5 6-	
Dayton, Ohio	116,577	36	4		8		1			5	
Fall River, Mass	119, 295	49	6	1	41	6	10	1	3	4	
Grand Rapids, Mich Lowell, Mass	112,571 106,294 110,364	29 33	10 9	2 1	30 11		9 4		$\frac{\cdots}{2}$	1 1	
Nashville, Tenn. Oakland, Cal	110,364	36			$\tilde{2}$	1			2	5	
Oakland, Cal	150, 174 127, 628	30 55	3 1		5		$\frac{\dots}{2}$		1 3	1 5	
Richmond, Va	104,402				6					4	
Toledo, Ohio	168,497 $145,986$	49 42	5 8	1	$\frac{60}{21}$	1	3 5		3 8	4 2	
From 50,000 to 100,000 inhabit-	140,500	12	0		21	1	٠			•	
ants: Altoona, Pa	52, 127	11	2				2		1		
Bayonne, N. J	55,545	54	ĩ	i	2		1	1	2	5	
Brockton, Mass Camden, N. J	56,878 94,538		5		6 10		2 5		4 5		
Elizabeth, N. J	73,409	18	2		9		2				
Erie, Pa	66, 525 69, 647		6		14 13	1	5			3	
Evansville, Ind Fort Wayne, Ind	62 022	$\frac{17}{24}$	1 5	····i	55	1	$\frac{11}{2}$			1	
Harrisburg, Pa. Hartford, Conn Houston, Tex	64,186		2	1	19		1			1	
Houston, Tex	98, 915 78, 800	42	14 2	2	31	,	4		2	1	
Johnstown, ra	55, 482 82, 331	14	10		41	1	2				
Kansas City, Kans Lawrence, Mass	82,331 85,892		1		23 6		$\frac{3}{2}$		3 3	4	
Lynn, Mass	89,336	19	1		22		1		8	1	
Manchester, N. H New Bedford, Mass	70,063 96,652	30 28	4 3	1 1	10 21		2		2 14	2 5	
Paggaio N I	54,773	18	2	i	19		2		5	. 1	
Pawtucket, R. I.	51,622 66,950	12				1	1	4		1 3	
Peoria, Ill	96,071	31	4		12		4			4	
Saginaw, Mich	50, 510	17			10		3		1		
St. Joseph, Mo Schenectady, N. Y	77,403 72,826	13	2		34 17		3 23	5	2 4	2	
Schenectady, N. Y South Bend, Ind Springfield, Ill Springfield, Mass Trenton, N. J.	53,684	17	1	1	5		ĩ	ĭ			
Springfield, Mass	51,678 88,926	20 19	4	:::::	6 20		5		3	1	
Trenton, N. J.	96, 815		8	1	7	1	9	1	8	2	
Wilkes-Barre, Pa. Yonkers, N. Y.	67, 105 79, 803	13 20	1		11 23		3		6 13	3	
From 25,000 to 50,000 inhabitants:			-							,	
Atlantic City, N. J	46, 150 29, 807	8			18 2		3		1		
Aurora, Ill	29,860	17			15	ķ	4			2 1	
Berkeley, Cal Binghamton, N. Y	40, 434 48, 443 27, 792	3 19	3	····i	1 5 7		1		$\frac{1}{2}$	1 2	
Brookline, Mass	20, 220	3	5	i	, ž	1		1		_	

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SCARLET FEVER, MEASLES, DIPHTHERIA, AND TUBERCULOSIS—Contd. Cases and Deaths Reported by Cities for Week Ended June 7, 1913—Contd.

	Population United	Total deaths	Diph	theria.	Mea	sles.		rlet er.		ercu- sis.
Cities.	States census 1910.	from all causes.	Casas.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
From 25,000 to 50,000 inhabit-										
ants—Continued. Chattanooga, Tenn	44,604						1			
Chalgea Magg	29 459	12			13		1		5	2
Chicopee, Mass	25, 401	7	1				1			1
Chicopee, Mass. Danville, Ill East Orange, N. J. Elmira, N. Y.	27,871 34,371	6								-
Elmira, N. Y	37,176	9	1							· ·
		8	3		17					:
Fitchburg, Mass	44, 115	17	1 2		4 2				4 2	1
Havernin, Mass. Kalamazoo, Mich. Knoxville, Tenn. La Crosse, Wis. Lancaster, Pa.	39,437	9	2		7					1
Knoxville, Tenn	36, 346 30, 417	16			6					2
Lancaster, Pa	47,227		2		6		3		2	1
Lexington, Ky Lynchburg, Va	35,099	13			12				1	2
Lynchburg, Va Malden, Mass	29,494 44,404	19	3	;-	1	1			2	$\frac{3}{2}$
Montgomery Ala	. 38, 136	22	3	1	13			i	2	3
Newcastle, Pa Newton, Mass Niagara Falls, N. Y	36,280		2		10		1		1	
Newton, Mass	39, 806 30, 445	9 8			4	1	1 4	1		-
Norristown, Pa	27,875	8	1							
Orange, N. J	29,630	10	3		6				4	2
Niagara Falls, N. Y. Norristown, Pa. Orange, N. J. Pasadena, Cal. Pittsfield, Mass.	30, 291 32, 121	10 12			12 29	1	. 1	····i	····· <u>·</u>	·····ż
		12			1					ī
Racine, Wis Roanoke, Va	. 38,002	12	4		16		1			
San Diego, Cal	34,874 39,578	7	i		4				1	
South Omaha, Nebr	. 26, 259	11				1				
Springfield, Ohio	46,921		1		2		4			
Superior, Wis Taunton, Mass		12	1		4		2			3
Waltham Mass	27 834	7			18				2	
wheeling, w. va	. 41,041	7			12					1
Wilmington, N. CZanesville, Ohio	25,748 28,026	13	3		5		• • • • •			
Less than 25,000 inhabitants:	i	"			1					
Alamedá, Cal	23,833	5 7			2		1		1	1
Beaver Falls, Pa	12, 191	í			20 5		1			
Beaver Falls, Pa Bennington, Vt Biddeford, Me Braddock, Pa	. 21,705	3	2		1					
Biddeford, Me	17,079 17,759	12	1		1					3
Cambridge, Ohio Clinton, Mass Columbus, Ind Concord, N. H.	17,327 13,075 6,719	2			12					
Clinton, Mass	. 13,075	3	1		1					
Concord N. H	21, 427	13	1		16 14	1	1		1	·····i
Cumberland, Md Dunkirk, N. Y Franklin, N. H	. 21,839	12	î	1	9				1	î
Dunkirk, N. Y	11,616				5					
Galesburg, Ill	6,132 22,089	3 6	1		4		2			
Galesburg, Ill. Kearney, N. J.	. 18,659	7			14		1			
La Fayette, Ind. Marinette, Wis. Marlboro, Mass.	. 20,081 14,610	9								
Marlboro, Mass	13,606	5	1		1					
Marrioto, Mass. Massillon, Ohio Medford, Mass. Melrose, Mass. Moline, Ill.	. 21,830	1								
Mediord, Mass	. 23,150 15,715	6 3			7					1
Moline, Ill.	24,190	7			2					1
Moline, Ill. Montelair, N. J. Morristown, N. J.	. 21,450	7								
Muscatine Iowa	. 12,507 16,000	6 3					2			
Muscatine, Iowa Muncie, Ind	. 20,942	11	1							2
Nanticoke, Pa	. 18,857	5	1	1	2 4		1			
Newburyport, Mass North Adams, Mass	22,019	6			1		4		1	
North Adams, Mass Northampton, Mass	22,019 23,310 23,550	5					6		. 1	
Plainfield N I	. 23,550 7,801	3 5	1				5			
Palmer, Mass. Plainfield, N. J. Rutland, Vt. Saratoga Springs, N. Y.	11,499		. 3			.	2			
Saratoga Springs, N. Y	. 13,534	8		.						1
South Bethlehem, Pa Steelton, Pa	. 13, 241 . 14, 479	8	1		8					
******		1	1		1			1		
Wilkinsburg, Pa Woburn, Mass	. 18,594 14,254	8 4		1	2		3			1